



1/1.8" F2.0 C Mount

		Working distance			Optical Magnification	1/1.8" Field of View(mm)		
Focal Length	f=35mm	mm				H	V	
F/NO	F=1:2.0~C	1000	0.036X	201.6	151.2			
Image Size	1/1.8"(7.2×5.32mm) 1/2.5"(5.76×4.32mm) 1/3"(4.8×3.6mm)	950	0.037X	191.3	143.5			
Angle FOV	H	11.8°	9.4°	7.9°	900	0.040X	181.1	135.8
	V	8.7°	7.1°	5.9°	850	0.042X	170.1	127.6
	D	14.6°	11.8°	9.8°	800	0.045X	160.5	120.4
Object Dimension at WD.300mm	H	57.9mm	46.5mm	38.7mm	750	0.048X	150.3	112.7
	V	43.4mm	34.9mm	29.0mm	700	0.051X	140.0	105.0
	D	72.4mm	58.1mm	48.4mm	650	0.055X	129.8	97.3
Distortion (TV)	<0.1%	600	0.060X	119.5	89.6			
Focus distance(min)	0.2m	550	0.066X	109.2	81.9			
Flange back	17.526mm in air	500	0.073X	99.0	74.2			
Back focus	19mm in air	450	0.081X	88.7	66.5			
Filter screw size	M25.5×P0.5	400	0.092X	78.4	58.8			
Front/Rear Effective Dia	Front φ15.7mm Rear φ8.5mm	350	0.105X	68.2	51.1			
Mount	C-Mount	300	0.124X	57.9	43.4			
Temperature Range	-10~+50°C	250	0.151X	47.6	35.7			
Storage Temperature Range	-20~+60°C	200	0.193X	37.3	28.0			

		TOLERANCE:		三角法		材料(环保)		单位	比例
△4	3	朱周德	2018,05,08	LINEARITY TOLERANCES ±0.05 ANGULAR TOLERANCES ARE ±30' DRAFT ANGLES AREA ±0.5°/SIDE		---		mm	2:1
△3	2	朱周德	2017,09,14	设计	朱周德	2016-05-16	名称	FA3501C规格图	
△2	1	朱周德	2017,09,11	校对				1/1	
△1	1	朱周德	2016,06,08	审核				版本	
标记	处数	更改文件号	担当	变更日期	批准		代号	FA3501C-SPEC	
								V4	